Cisco

Exam Questions 300-615

Troubleshooting Cisco Data Center Infrastructure (DCIT)

NEW QUESTION 1

Refer to the exhibit. An OSPF adjacency between Router-A and Router-B cannot reach the FULL state. Which action resolves the issue?

A. Adjust the MTU on Router-A to 1600.
B. Disable the check of the MTU value.
C. Set the OSPF media type to point-to-point.
D. Adjust the MTU on Router-B to 1604.

Answer: B

NEW QUESTION 2

The Cisco Nexus switch is connected to a peer switch that is not running Cisco NX-OS. The switches are connected using port channel and are experiencing packet loss. Which action should be performed on the Cisco Nexus switch ports to resolve this issue?

A. Turn on lacp suspend-individual.
B. Turn on lacp graceful-convergence.
C. Turn off lacp graceful-convergence.
D. Turn off lacp suspend-individual.

Answer: C

NEW QUESTION 3

Refer to the exhibit. The HSRP configuration in the exhibit fails to function. Which action resolves this issue?

A. Enable IP redirects.
B. Set the MTU to 1500 bytes.
C. Configure HSRP version 2.
D. Configure the same HSRP group on both devices.

Answer: A

NEW QUESTION 4

An engineer is troubleshooting a fabric discovery failure. Which two requirements must an engineer verify about switch connectivity to solve the problem? (Choose two.)

A. A Cisco APIC must be attached to a spine node only.
B. A Cisco APIC must be attached to leaf nodes.
C. Spine nodes must connect to other spine nodes.
D. A Cisco APIC must be dual-attached to two separate spine nodes.
E. Leaf nodes must connect to spine nodes only.

Answer: BE

NEW QUESTION 5

Refer to the exhibit. A network engineer has connected the Nexus switch management port to the Internet using DHCP to allow the Guest shell running on the

switch to download Python packages. The engineer can ping google.com successfully from the Nexus switch, but the Guest shell failed to download any Python packages. Which action resolves the problem?

A. Update the Python packages on the Cisco Nexus switch directly.
B. Manually configure DNS in the Guest shell, even if it is claimed on the Cisco Nexus switch through DHCP.
C. Manually configure NTP in the Guest shell.
D. Connect Guest shell to data plane interfaces to be able to connect to the networks outside the Cisco Nexus switch.

Answer: B

NEW QUESTION 6

Refer to the exhibit. HSRP adjacency fails to form between Nexus7K-1 and Nexus7K-2. Which action should be taken to solve the problem?

A. Configure preempt on one of the switches in the HSRP group.
B. Configure the same HSRP priority between the two switches.
C. Configure the correct subnet mask on Nexus7K-1.
D. Configure HSRP version 2 on Nexus7K-2.

Answer: D

NEW QUESTION 7

Refer to the exhibit. Interface fc1/5 is offline. Which action should be taken to troubleshoot the issue?

A. Activate the correct zoneset for VSAN 100.
B. Update the FLOGI database to contain the FLOGI entries for interface fc1/5 in VSAN 100.
C. Update the FCNs database to contain names for VSAN 100.
D. Configure the upstream ports and the server ports to be in VSAN 100.

Answer: D

NEW QUESTION 8
DRAG DROP
An engineer is troubleshooting issues in Cisco UCS Director. Drag and drop the possible causes from the left onto the correct issues on the right.
Select and Place:

A. Mastered
B. Not Mastered

Answer: A

NEW QUESTION 9
An attempt to use a global vNIC redundancy template pair results in a service profile that fails to apply. Which action resolves the issues?

A. Create the peer names before creating the templates.
B. Assign the secondary template first, and then set the peer name.
C. Assign both templates simultaneously.
D. Assign the primary template first, and then set the peer name.

Answer: D

NEW QUESTION 10
You have an ACI environment with three APICs, two spine switches, and four-leaf switches. You wipe and reboot all APICs first then leaf and spine switches one-by-one and successfully go through the Initial Setuo dialogue on the APIC 1 CIMC KVM console. When you log in to the APIC1 WebGUI, you notice that you do not see any directly connected leaf switches being discovered under Fabric > Inventory > Fabric Membership. What is the cause of the issue?

A. The leaf nodes were not erased properly, which caused a fabric parameters mismatch with the APIC1.
B. Rebooting the APICs and the leaf and spine switches after wiping them is not required.
C. You forgot to enter the TEP Pool value during the Initial Setup dialogue on APIC1.
D. The same Fabric Name value should be used before after wiping all devices.

Answer: C

NEW QUESTION 10
Cisco Unified Computing System Manager raises a critical error message that indicates that the system has overlapping Ethernet and FCoE VLANs. All of the Ethernet traffic on the overlapping VLANs drops. Which action resolves the issue?

A. Modify the VLAN assignment to vNICs.
B. Change the PIN groups on the vHBAs.
C. Modify the FCoE VLAN.
D. Set the FCoE VLAN as the native VLAN on server uplinks.

Answer: A

NEW QUESTION 12
An engineer is implementing a storage VDC, but fails. Which two prerequisites must be in place before a storage VDC is implemented? (Choose two.)

A. M-Series module
B. ESSENTIALS license
C. STORAGE-ENT license
D. FCoE license
E. F-Series module

Answer: DE

NEW QUESTION 17
A server fails to boot from the operating system after a RAID1 cluster migration. The RAID remains in an inactive state during and after a service profile association. Which action resolves the issue?

A. Configure the SAN boot target in the service profile.
B. Configure the SAN boot target to any configuration mode.
C. Use a predefined local disk configuration policy.
D. Remove the local disk configuration policy.

Answer: C

NEW QUESTION 21
An engineer discovers that an NPV/NPIV uplink experiences a heavy load and plans to add more uplinks. Which statement about what occurs when the new uplinks are added is true?

A. Only new connections use the new uplinks automatically.
B. Paths must be defined before new connections can use the new uplinks.
C. All connections must be reset before the new uplinks can be used.
D. New and existing connections use the new uplinks automatically.

Answer: D

NEW QUESTION 23
An engineer is troubleshooting a failed DCBX exchange between a server and a Cisco Nexus switch. Which action allows DCBX to successfully negotiate?

A. Enable ETS
B. Enable PFC.
C. Enable Cisco Discovery Protocol.
D. Enable LLDP.

Answer: D

NEW QUESTION 27
One of Cisco Nexus Series interfaces has become errdisabled with the error message "DCX-No ACK in 100 PDUs". What is the cause of this error?

A. The host has not responded to the Control Sub-TLV DCBX exchanges of the switch.
B. The acknowledgement number in the server response has not incremented for 100 exchanges.
C. Cisco Discovery Protocol is disabled on the switch.
D. LLDP is disabled on the switch.

Answer: B

NEW QUESTION 29

Refer to the exhibit. An engineer is investigating a role mapping issue on a switch. The users report that they cannot view the IP addresses under the tenant "corp". Which action resolves the issue?

A. Add the users to the RADIUS server.
B. Update the UNIX ID.
C. Configure the correct secret password between the APIC and the RADIUS server.
D. Add the updated avpair to include/corp/admin/

Answer: C

NEW QUESTION 31
Refer to the exhibit. A network engineer configures an EEM script to get a syslog notification after a configuration change. This message appears when the engineer must make a new configuration to this switch. Which configuration did the engineer neglect to apply in the script for it to function properly?

A. event cli match 'configure terminal'
B. event policy-default count 1 time 100
C. event syslog occurs 10
D. action 2.0 event-default

Answer: D

NEW QUESTION 35
An upgrade of protected RPMs from the Bash shell did not take effect. Which action is required for the changes to take effect?

A. Restart the Bash shell.
B. Reload the switch.
C. Upgrade the RPMs from the Guest shell.
D. Disable and reenable the Bash feature.

Answer: D

NEW QUESTION 40
A network administrator attempts to install an application in the Cisco NX-OS Guest shell and receives an error that there is not enough space on the disk. Which command must the administrator run to increase the disk space available in the Guest shell?

A. guestshell growdisk rootfs [size-in-MB]
B. guestshell pvextend rootfs [size-in-MB]
C. guestshell resize rootfs [size-in-MB]
D. guestshell resize2fs rootfs [size-in-MB]

Answer: C

NEW QUESTION 45

Refer to the exhibit. After the configuration is performed, guestshell continues to use 2%CPU. Which action resolves the issue?

A. Resync the database
B. Recreate the guestshell
C. Reboot the guestshell
D. Reboot the switch

Answer: C

NEW QUESTION 49
A request to activate the port security database is rejected. Which action do you perform to investigate the cause of the issue?

A. Enable the auto-learning feature.
B. Use the force option to identify rejected devices.
C. Find conflicting entries between the active and configuration databases.
D. Verify that devices are fully attached to the active database.

Answer: B

NEW QUESTION 52
A server administrator attempts to change the Cisco IMC KVM certificate to one signed by a private CA, but the certificate is not being accepted. What can cause this process to fail?

A. using a certificate with a password-protected private key
B. RSA encryption being used in the generation of the certificate.
C. AES encryption being used in the generation of the certificate.
D. public IP addres of the Cisco IMC not being included in the SAN.

Answer: A

NEW QUESTION 53
DRAG DROP
A firmware upgrade on a fabric interconnect fails. A bootflash contains a valid image. Drag and drop the recovery steps from the left onto the correct order on the right.

Select and Place:

A. Mastered
B. Not Mastered

Answer: A

NEW QUESTION 57

Refer to an exhibit. An engineer is troubleshooting an upgrade failure on a switch. Which action resolves the issue?

A. Save the system image in NVRAM.
B. Use the same system image as the kickstart image.
C. Load a new system image.
D. Reload the same system image.

Answer: C

NEW QUESTION 59
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